

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/837,459DATE: 05/20/98
TIME: 07:38:20

INPUT SET: S25902.raw

This Raw Listing contains the General
Information Section and up to the first 5 pages.

SEQUENCE LISTING

ENTERED

1
2
3 (1) General Information:
4
5 (i) APPLICANT: McKee, Marian L.
6 O'Brien, Alison D.
7 Wachtel, Marian R.
8
9 (ii) TITLE OF INVENTION: Histidine-Tagged Intimin And Methods Of
10 Using Intimin To Stimulate An Immune Response And As An
11 Antigen Carrier With Targeting Capability.
12
13 (iii) NUMBER OF SEQUENCES: 25
14
15 (iv) CORRESPONDENCE ADDRESS:
16 (A) ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
17 Dunner, L.L.P.
18 (B) STREET: 1300 I Street, N.W., Suite 700
19 (C) CITY: Washington
20 (D) STATE: D.C.
21 (E) COUNTRY: USA
22 (F) ZIP: 20005-3315
23
24 (v) COMPUTER READABLE FORM:
25 (A) MEDIUM TYPE: Floppy disk
26 (B) COMPUTER: IBM PC compatible
27 (C) OPERATING SYSTEM: PC-DOS/MS-DOS
28 (D) SOFTWARE: PatentIn Release #1.0, Version #1.30
29
30 (vi) CURRENT APPLICATION DATA:
31 (A) APPLICATION NUMBER: US 08/837,459
32 (B) FILING DATE: 18-APR-1997
33 (C) CLASSIFICATION:
34
35 (viii) ATTORNEY/AGENT INFORMATION:
36 (A) NAME: Fordis, Jean B.
37 (B) REGISTRATION NUMBER: 32,984
38 (C) REFERENCE/DOCKET NUMBER: 04995.0023-00000
39
40 (ix) TELECOMMUNICATION INFORMATION:
41 (A) TELEPHONE: (202) 408-4000
42 (B) TELEFAX: (202) 408-4400
43
44
45 (2) INFORMATION FOR SEQ ID NO:1:
46

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47 (i) SEQUENCE CHARACTERISTICS:
48 (A) LENGTH: 21 base pairs
49 (B) TYPE: nucleic acid
50 (C) STRANDEDNESS: single
51 (D) TOPOLOGY: linear
52

53 (ii) MOLECULE TYPE: DNA (genomic)
54
55
56
57

58 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:
59

60 CGTTGTTAAG TCAATGGAAA C

21

61
62 (2) INFORMATION FOR SEQ ID NO:2:
63

64 (i) SEQUENCE CHARACTERISTICS:
65 (A) LENGTH: 29 base pairs
66 (B) TYPE: nucleic acid
67 (C) STRANDEDNESS: single
68 (D) TOPOLOGY: linear
69

70 (ii) MOLECULE TYPE: DNA (genomic)
71
72
73
74

75 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:
76

77 TCTAGAGAGA AAACGTGAAT GTTGTCTCT
78

29

79 (2) INFORMATION FOR SEQ ID NO:3:
80

81 (i) SEQUENCE CHARACTERISTICS:
82 (A) LENGTH: 37 base pairs
83 (B) TYPE: nucleic acid
84 (C) STRANDEDNESS: single
85 (D) TOPOLOGY: linear
86

87 (ii) MOLECULE TYPE: DNA (genomic)
88
89
90
91

92 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:
93

94 GTACGGATCC ATGATGGTTT TCCAGCCAAT CAGTGAG
95

37

96 (2) INFORMATION FOR SEQ ID NO:4:
97

98 (i) SEQUENCE CHARACTERISTICS:
99 (A) LENGTH: 35 base pairs

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100 (B) TYPE: nucleic acid
101 (C) STRANDEDNESS: single
102 (D) TOPOLOGY: linear
103

104 (ii) MOLECULE TYPE: DNA (genomic)
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106
107
108

109 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:
110

111 GTACGGTACC TTATATTGAC AGCGCACAGA GCGGG
112

35

113 (2) INFORMATION FOR SEQ ID NO:5:
114

115 (i) SEQUENCE CHARACTERISTICS:
116 (A) LENGTH: 35 base pairs
117 (B) TYPE: nucleic acid
118 (C) STRANDEDNESS: single
119 (D) TOPOLOGY: linear
120

121 (ii) MOLECULE TYPE: DNA (genomic)
122
123
124
125

126 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:
127

128 GTACGGATCC ATATGTGGAA TGTTTCATGGC TGGGG
129

35

130 (2) INFORMATION FOR SEQ ID NO:6:
131

132 (i) SEQUENCE CHARACTERISTICS:
133 (A) LENGTH: 30 base pairs
134 (B) TYPE: nucleic acid
135 (C) STRANDEDNESS: single
136 (D) TOPOLOGY: linear
137

138 (ii) MOLECULE TYPE: DNA (genomic)
139
140
141
142

143 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:
144

145 GTACGGATCC GAATTCATTT GCAAATGGTG
146

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147 (2) INFORMATION FOR SEQ ID NO:7:
148

149 (i) SEQUENCE CHARACTERISTICS:
150 (A) LENGTH: 31 base pairs
151 (B) TYPE: nucleic acid
152 (C) STRANDEDNESS: single

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153 (D) TOPOLOGY: linear
154
155 (ii) MOLECULE TYPE: DNA (genomic)
156
157
158
159
160 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:
161
162 GTACGGTACC TGATCAATGA AGACGTTATA G 31
163
164 (2) INFORMATION FOR SEQ ID NO:8:
165
166 (i) SEQUENCE CHARACTERISTICS:
167 (A) LENGTH: 30 base pairs
168 (B) TYPE: nucleic acid
169 (C) STRANDEDNESS: single
170 (D) TOPOLOGY: linear
171
172 (ii) MOLECULE TYPE: DNA (genomic)
173
174
175
176
177 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:
178
179 GTACGGATCC TGATCAGGAT TTTTCTGGTG 30
180
181 (2) INFORMATION FOR SEQ ID NO:9:
182
183 (i) SEQUENCE CHARACTERISTICS:
184 (A) LENGTH: 30 base pairs
185 (B) TYPE: nucleic acid
186 (C) STRANDEDNESS: single
187 (D) TOPOLOGY: linear
188
189 (ii) MOLECULE TYPE: DNA (genomic)
190
191
192
193
194 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:
195
196 GTACGGTACC TGATCAAAAA ATATAACCGC 30
197
198 (2) INFORMATION FOR SEQ ID NO:10:
199
200 (i) SEQUENCE CHARACTERISTICS:
201 (A) LENGTH: 34 base pairs
202 (B) TYPE: nucleic acid
203 (C) STRANDEDNESS: single
204 (D) TOPOLOGY: linear
205

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206 (ii) MOLECULE TYPE: DNA (genomic)

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210

211 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:10:

212

213 GTACGGATCC TGATCAAACC AAGGCCAGCA TTAC

34

214

215 (2) INFORMATION FOR SEQ ID NO:11:

216

217 (i) SEQUENCE CHARACTERISTICS:

218 (A) LENGTH: 32 base pairs

219 (B) TYPE: nucleic acid

220 (C) STRANDEDNESS: single

221 (D) TOPOLOGY: linear

222

223 (ii) MOLECULE TYPE: DNA (genomic)

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226

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228 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:11:

229

230 GTACGGTACC TTATTCTACA CAAACCGCAT AG

32

231

232 (2) INFORMATION FOR SEQ ID NO:12:

233

234 (i) SEQUENCE CHARACTERISTICS:

235 (A) LENGTH: 33 base pairs

236 (B) TYPE: nucleic acid

237 (C) STRANDEDNESS: single

238 (D) TOPOLOGY: linear

239

240 (ii) MOLECULE TYPE: DNA (genomic)

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245 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:12:

246

247 GTACGGATCC ACTGAAAGCA AGCGGTGGTG ATG

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248

249 (2) INFORMATION FOR SEQ ID NO:13:

250

251 (i) SEQUENCE CHARACTERISTICS:

252 (A) LENGTH: 31 base pairs

253 (B) TYPE: nucleic acid

254 (C) STRANDEDNESS: single

255 (D) TOPOLOGY: linear

256

257 (ii) MOLECULE TYPE: DNA (genomic)

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SEQUENCE VERIFICATION REPORT
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Line

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Original Text